

the time sequence image data B, that follows immediately the images in camera A, can be identified as the starting point. Therefore, the moving distance L_r between the two line scan cameras and the moving time T_v are as shown in FIG. 28.

Detailed Description Text (74):

FIG. 29 shows examples of the time sequence image data obtained from a fast moving vehicle and a slow moving vehicle. As shown in FIG. 29, the characters on the license plate are extended when the speed is low and are compressed when the speed is fast. Therefore, by dividing the time axis in each time sequence image data by the moving speed, the height of the characters on the license plate can be normalized. If the characters can be normalized, the license plate of the moving vehicle can be identified without being affected by the moving speed, using the conventional license plate recognition technique (refer to reference 4, Character Recognition in Scene Images, Society of Manufacturing Engineers, 1989) based on the degree of similarity. In the present example, because there are two image data from line scan camera A and line scan camera B for identification purposes, license plate can be checked against each image to improve the accuracy of identification.

Detailed Description Text (77):

It should be noted, in the explanations provided above, that reference numerals 108, 205, 303, 702, 803, 1202, 1303, 1902, 2003, 2102, 2202, 3102 refer to the same time sequence image data A. Similarly, reference numerals 109, 206, 304, 703, 804, 1203, 1304, 1903, 2004, 2103, 3303, 3103, 3204 refer to the same line scan camera B. Similarly, reference numerals 701, 801, 1201, 1301, 1901, 2001, 2101, 2201 refer to the object for measurement.

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| | | | |
|---|--|-------|------------|
| <u>L13</u> | L12 and (("line-scan" or (line\$ adj2 scan\$)) near4 camera) | 1 | <u>L13</u> |
| <u>L12</u> | L11 and navigat\$ and gps\$ | 3 | <u>L12</u> |
| <u>L11</u> | L4 and ((mobile\$ or handheld or portable or moving) near3 (collect\$ or record\$)).clm. | 481 | <u>L11</u> |
| <u>L10</u> | L7 and L9 | 11 | <u>L10</u> |
| <u>L9</u> | L8 and ((mobile\$ or handheld or portable or moving) near3 (collect\$ or record\$)) | 11 | <u>L9</u> |
| <u>L8</u> | L4 and navigat\$ and gps\$ | 126 | <u>L8</u> |
| <u>L7</u> | L5 and navigat\$ and gps\$ | 11 | <u>L7</u> |
| <u>L6</u> | L5 navigat\$ and gps\$ | 29157 | <u>L6</u> |
| <u>L5</u> | L4 and ((mobile\$ or handheld or portable or moving) near3 (collect\$ or record\$)) | 1638 | <u>L5</u> |
| <u>L4</u> | L2 or L3 | 64450 | <u>L4</u> |
| <u>L3</u> | (line\$ with scan\$ with (imag\$ or camera)) and @pd<=20031121 | 46689 | <u>L3</u> |
| <u>L2</u> | (line\$ with scan\$ with (imag\$ or camera)) and @ad<=20031121 | 61194 | <u>L2</u> |
| <i>DB=PGPB,USPT; THES=ASSIGNEE; PLUR=YES; OP=OR</i> | | | |
| <u>L1</u> | 20010056326 or 6473678.pn. | 2 | <u>L1</u> |

END OF SEARCH HISTORY

